

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	("20020140533"   "20020160549"   "20030102771"   "20040061579"   "20050206243"   "4423401"   "5635750"   "5905241"   "6091050"   "6153839"   "6236300"   "6239685"   "6489857"   "6703916"   "6768412"   "6812820"   "6876482"   "6924966"   "7230513"   "7372348").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 10:31
S2	1	(10/260598).APP.	USPAT; USOCR	AND	ON	2009/04/30 10:44
S3	10	("20030116417"   "20040050674"   "6069540"   "6452124"   "6720851").PN. OR ("7053736").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:44
S4	10	("5872496"   "6057520"   "6124650"   "6153839"   "6307169"   "6384353"   "6806545"   "7053736"   "7084724"   "7202763").PN. OR ("7501920").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:46
S5	14	("5121089"   "5258591"   "5578976"   "5619061"   "5629565"   "5638946"   "6046659"   "6331257"   "6621022"   "6667245"   "6744335"   "6803559"   "6842097"   "6876482").PN. OR ("7230513").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:48

S6	39	("20010010488"   "20020050880"   "20020119805"   "20020121951"   "20020149456"   "20020151332"   "20020173343"   "20020196110"   "20030025580"   "20030029705"   "20030156006"   "4492922"   "4565972"   "5020138"   "5120705"   "5418490"   "5604925"   "5867302"   "5999851"   "6016092"   "6069540"   "6104934"   "6124650"   "6168395"   "6205340"   "6212404"   "6236300"   "6239685"   "6263215"   "6294847"   "6303885"   "6307169"   "6384707"   "6426687"   "6496612"   "6622028"   "6720851").PN. OR ("6924966").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:48
S7	20	("5629794"   "5920391"   "6331257"   "6483056"   "6504118"   "6522452"   "6538798"   "6566617"   "6639205").PN. OR ("6876482").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:49
S8	13	("5578976"   "5619061"   "5695810"   "5946176"   "6065424"   "6069540"   "6128961"   "6132586"   "6143997").PN. OR ("6489857").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:49

S9	45	("3753792"   "4411711"   "4423401" "4544988"   "4551974"   "4570139" "4585209"   "4797649"   "4806815" "4823105"   "4864824"   "4887430" "5061914"   "5258591"   "5325880" "5367136"   "5402099"   "5405337" "5410290"   "5440193"   "5535815" "5619177"   "5656986"   "5669977" "5684448"   "5763979"   "5769159" "5825275"   "5870007"   "5977858").PN. OR ("6236300").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:50
S10	57	("2942077"   "4315114"   "4480162" "4570139"   "4868448"   "4959515" "5544001"   "5638946").PN. OR ("6153839").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:50
S11	26	("3089342"   "3950846"   "4066860" "4480162"   "4654555"   "4672257" "4742263"   "4959515"   "5258591" "5334811"   "5367136"   "5376764" "5544001").PN. OR ("5635750").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:51
S12	214	("3763454"   "4208645"   "4272753").PN. OR ("4423401").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:51
S13	7	("20020145493"   "6307452"   "6486425").PN. OR ("6806545").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:53
S14	4	("5817000"   "6529093"   "6806545" "6841839").PN. OR ("7420444").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 10:54

S15	0	337/85.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:51
S16	192	337/85.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:51
S17	0	337/12.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:51
S18	3	337/14.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:51
S19	3	337/16.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:52
S20	0	337/27.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:52
S21	5	337/141.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:52
S22	7	337/139.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:53
S23	2	337/393.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:53
S24	19	"337"\$.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:54
S25	19	"337"/\$.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:54
S26	64	200/181.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:55
S27	15	S26 arm	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:55

S28	88	"200"/\$.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:56
S29	77	S28 actual\$3	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:57
S30	58	S29 ((contact or pad) with (PCB or board or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:57
S31	11	60/528.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 12:01
S32	21	60/527-529.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 12:02
S33	10	S32 not S31	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 12:02
S34	26	"60"/\$.ccls. (micro electro (contact or hold) pad (board or PCB or substrate))	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 12:02
S35	5	S34 not S32	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 12:02
S36	1459	fujitsu.as. (mov\$3 switch contact)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 13:20
S37	439	S36 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 13:21
S38	104	S37 electrostatic	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 13:21
S39	25	S38 (micro or MEM)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 13:24
S40	6	("20020027487"   "6115231"   "6608268"   "6720851"   "7053736").PN. OR ("7283023").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:28

S41	34	("4078183"   "5629565"   "5666258"   "5677823").PN. OR ("6115231").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:39
S42	9	("20030025580"   "20040032000"   "20040056320"   "4480162"   "6115231"   "6229684"   "6657525"   "6750745"   "6876482").PN. OR ("7362199").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:52
S43	2	"20050219016"	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:52
S44	0	chou.in. electrode "intel.as" collaps\$3	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:56
S45	3	chou.in. electrode intel. as. collaps\$3	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:56
S46	1	US "200502190"	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:56
S47	2	"20050219016"	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 13:57
S48	10445	(micro switch contact (electrostatic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:58
S49	8541	S48 (PCB or board or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:59
S50	1379	S49 beam flex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:59
S51	1277	S50 (actuat\$3 or ben \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:59
S52	580	S51 arm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:59
S53	11	S52 (electrostatic near3 hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 13:59

S54	364	("337"/\$.ccls. or "200"/\$.ccls. or "60"/\$.ccls.) (micro switch contact (electrostatic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 14:00
S55	332	S54 (PCB or board or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 14:00
S56	141	S55 (beam with (flex \$3 or actuat\$3 or bend or bent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 14:01
S57	55	S56 arm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 14:01
S58	24	("337"/\$.ccls. or "200"/\$.ccls. or "60"/\$.ccls.) (electrostatic near2 hold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/04/30 14:05
S59	61	(US-20050206243-\$ or US-20040061579-\$ or US-20030102771-\$ or US-20020160549-\$ or US-20020140533-\$ or US-20040050674-\$ or US-20030116417-\$ or US-20070215447-\$ or US-20060131150-\$ or US-20020027487-\$ or US-20050219016-\$ or US-20030137389-\$ or US-20030038703-\$ or US-20020097133-\$). did. or (US-7372348-\$ or US-7230513-\$ or US-6924966-\$ or US-6876482-\$ or US-6812820-\$ or US-6768412-\$ or US-6703916-\$ or US-6489857-\$ or US-6239685-\$ or US-6236300-\$ or US-6153839-\$ or US-6091050-\$ or US-5905241-\$ or US-5635750-\$ or US-4423401-\$ or US-7446634-\$ or US-7342472-\$ or US-7283023-\$ or US-6720851-\$ or US-	US-PGPUB; USPAT	AND	ON	2009/04/30 14:17

		7084724-\$ or US- 6806545-\$ or US- 7420444-\$ or US- 6331257-\$ or US- 6046659-\$ or US- 5619061-\$ or US- 6529093-\$).did. or (US- 6307452-\$ or US- 6813133-\$ or US- 6708491-\$ or US- 6531947-\$ or US- 6483419-\$ or US- 5410290-\$ or US- 6384353-\$ or US- 6307169-\$ or US- 6685303-\$ or US- 6384707-\$ or US- 6750742-\$ or US- 6739132-\$ or US- 6115231-\$ or US- 7280015-\$ or US- 6646215-\$ or US- 5677823-\$ or US- 5629565-\$ or US- 6657525-\$ or US- 6229684-\$ or US- 4480162-\$ or US- 7053737-\$).did.				
S60	56	S59 electrostatic	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 14:17
S61	12	S60 (substarte or board or PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 14:29
S62	55	S60 (substrate or board or PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/04/30 14:29

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